



STATE PROCUREMENT OFFICE
NOTICE & REQUEST FOR SOLE SOURCE

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STATE PROCUREMENT OFFICE
STATE OF HAWAII

TO: Chief Procurement Officer
FROM: Office of Information Management and Technology
Name of Requesting Department

Pursuant to HRS §103D-306 and HAR chapter 3-122, Subchapter 9, the Department requests sole source approval to purchase the following:

1. Describe the goods, services, or construction to be procured. ArcGIS Online Level 3 Subscription Plan, Includes up to 100 Named Users and 37,500 Credits
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2. Vendor/Contractor/Service Provider Name: Environmental Systems Research Institute, Inc.	3. Amount of Request: \$20,418.84
4. Term of contract (shall not exceed 12 months), if applicable: From: <u>1-Apr-13</u> To: <u>31-Mar-14</u>	5. Prior SPO-001, Sole Source (SS) No.:

6. Describe in detail the following: a. The unique features, characteristics, or capabilities of the goods, service or construction. Please see Attachment A b. How the unique features, characteristics or capabilities of the goods, service or construction are essential for the department Please see Attachment A

7. Describe the efforts and results in determining that this is the only vendor/contractor/service provider who can provide the goods, services or construction.

Please see Attachment A

8. Alternate source. Describe the other possible sources for the goods, services, or construction that were investigated but did not meet the department's needs.

Please see Attachment A

9. Identify the primary responsible staff person(s) conducting and managing this procurement. (Appropriate delegated procurement authority and completion of mandatory training required.)

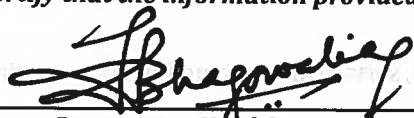
*Point of contact (Place asterisk after name of person to contact for additional information).

Name	Division/Agency	Phone Number	E-mail Address
Debra Gagne	O.M.T	586-1930 x534	Debra.A.Gagne@Hawaii.gov

Department shall ensure adherence to applicable administrative and statutory requirements, including HAR chapter 3-122, Subchapter 15, Cost or Pricing Data if required.

All requirements/approvals and internal controls for this expenditure is the responsibility of the department.

I certify that the information provided is to the best of my knowledge, true and correct.



Department Head Signature

2-28-2013

Date

For Chief Procurement Officer Use Only

Date Notice Posted: 3/14/13

Submit written objection to this notice to issue a sole source contract within seven calendar days or as otherwise allowed from date notice posted to:

state.procurement.office@hawaii.gov

Chief Procurement Officer (CPO) Comments:

This request is disapproved as there are other vendors who can provide GIS services. SPO understands an 'evaluation license' was provided to OIMT at a 'no cost short term trial.' This trial period should not be the determining factor that the product is the only product that meets the needs of the agency. OIMT acknowledges that there are other products and vendors that provide GIS services. It is recommended that OIMT conduct a competitive procurement to obtain GIS services. Agency may submit form SPO-007, provided sufficient justification can be made why it is not practicable or not advantageous to competitively procure for the services required. If there are any questions, please contact Wendy Ebisui at 586-0563, or wendy.mo.ebisui@hawaii.gov.

☐ Approved

☒ Disapproved

☐ No Action Required

Charles. [Signature] 3/19/2013
Chief Procurement Officer Signature Date

OIMT Sole Source Request – ArcGIS Online for Organizations Subscription, Level 3 with Additional Credits

Question 6. Describe in detail the following:

6.a The unique feature, characteristics, or capabilities of the goods, service or construction.

Only ArcGIS Online for Organizations provides a GIS-aware web-based environment for State agencies to easily collaborate on projects and make their geospatial data available both internally and to the public, with integrated user and content management capabilities. State GIS Users and non-users alike can quickly and easily create web-ready maps and applications using shared GIS data made available by the State GIS Program, or in-house project-related data. With ArcGIS Online, the State will be able to create groups, which can be private or public, and can include members from a particular agency, or from several agencies with interest in a shared topic area (such as Transit Oriented Design, Renewable Energy, or Coastal and Marine Spatial Planning), making collaboration easier. Group members can share agency or project-specific maps and data quickly and easily. Group and content management is an essential capability when implementing an enterprise wide data and mapping system, enabling management and organization of resources (data and maps), encouraging use of authoritative data sources, and implementation of necessary access protocol and security.

6.b How the unique features, characteristics or capabilities of the goods, service or construction are essential for the department.

The vision for GIS at the State of Hawaii as stated in the [OIMT Transformation Plan, Appendix H](#) (attached) is to enable easy access to the highest quality authoritative geospatial information at all levels of the State, to extend spatial visualization and analysis capabilities to non-GIS specialists, to enable mobile technology for field personnel, and to foster enhanced collaboration and better decision making. This will be achieved by implementing a comprehensive Geospatial Platform (geoplatform) that supports the discovery, consumption, and publishing of relevant geospatial information and tools.

ArcGIS Online for Organizations is a key component of the comprehensive geoplatform, serving as the web-based repository that offers immediate access to ready-to-use geospatial services from a hosted, off-premise location. ArcGIS Online for Organizations will include an integrated website, management of data, services, web maps, groups and administrative tools. This move towards a service-oriented architecture (SOA), or more specifically a web-oriented architecture (WOA), will enable information to be published once and used many times, will encourage and support collaboration across agencies, will promote more effective and efficient use of limited resources, will provide economies of scale, and will transform the way geospatial information is shared and used in State government.

Development of the comprehensive geoplatform will also require Esri's desktop and server-based GIS solutions, ArcGIS for Desktop and ArcGIS for Server, respectively. The role of ArcGIS for Desktop is to define and author content (data and maps) that will become the basis for common, reusable spatial services. ArcGIS for Server is a secure, complete, and integrated web-based GIS that provides a standards-based platform upon which the ArcGIS for Desktop can easily produce geospatial content and

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capabilities for use across an enterprise. ArcGIS for Server also provides data and services that ArcGIS Online for Organizations can then make available to a broader user community, including the general public. This combination of technologies will enable State agencies to both consume and produce enterprise geospatial services in support of new and existing business processes and workflows.

Question 7. Describe the efforts and results in determining that this is the only vendor/contractor/service provider who can provide the goods, service or construction.

We were not aware of any other vendors that provided the required functionality found in ArcGIS Online for Organizations, so we performed several Google searches using the following search terms/phrases: alternatives to ArcGIS, online mapping, web mapping, collaborative mapping, arcgis online reviews.

The key functionality required is: Ability to easily share/deploy State agency geospatial content in hosted cloud using existing data and services; user management tools (roles, groups) and content management tools (shared folders, ability to share or restrict content to certain groups).

We found the following candidate products (each is listed along with an assessment of any missing functionality

MangoMap (<http://www.mangomap.com/>)

- Not comparable to ArcGIS Online for Organizations
- Web mapping/editing tool
- Limited number of templates
- Must upload data, doesn't appear to read map/feature services/integrate with AGS
- No User/Content management

GeoCortex (<http://www.geocortex.com/>)

- Not comparable to ArcGIS Online for Organizations
- GeoCortex is an application builder for ArcGIS Server makes creating ArcGIS Server applications easier
- Tool that a programmer or consultant would use to develop applications that will be deployed on AGS.
- No User/Content management

GeoIQ

- Closest to ArcGIS Online for Organizations, but no User management
- Web mapping / analysis tool
- No User management
- May have some content management, does not appear to have user management

- Acquired by ESRI – not a competitor (<http://blog.geoiq.com/2012/07/10/building-from-the-inside/>)

GeoNode

- Not comparable to ArcGIS Online for Organizations
- Different product – more similar to ArcGIS Server + web mapping tool – runs on a server with a database and webserver (e.g., IIS);
- No User/Content management

OpenGeo

- Suite of products
- Not comparable to ArcGIS Online for Organizations
- Similar to ArcGIS Server + web mapping tool
- No User/Content Management

Question 8. Alternate source. Describe the other possible sources for the goods, services or construction that were investigated but did not meet the department's needs.

Per the attached letter, there is no other provider or reseller of ArcGIS Online for Organizations.